

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	262777	(vehicle or auto or automobile or car).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:35
L2	253650	(vehicle or automobile or car).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:35
L3	11613	(vehicle or automobile or car).clm. and (highway or carriageway or road).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:38
L4	123	3 and lane adj mark\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:43
L5	8	3 and cross\$4 same lane adj mark\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:39
L6	5118	3 and (light or optical or infrared adj2 beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:45
L7	13243	(vehicle or automobile or car).clm. and (highway or carriageway or road or roadway).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:38
L8	142	7 and lane adj mark\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:43
L9	8	7 and cross\$4 same lane adj mark\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:41
L10	0	"10522317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:42
L11	14	"522317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:42
L12	153	3 and lane near5 mark\$4.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:43

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L13	176	7 and lane near5 mark\$4.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:43
L14	12	7 and cross\$4 same lane near5 mark\$4.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:44
L15	5989	7 and (light or optical or infrared same beam)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:45
L16	106	7 and (light or optical or infrared same beam) and master near4 slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:45
L17	45	7 and (light or optical or infrared same beam) and master near4 slave.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:47
L18	39	7 and (light or optical or infrared same beam) and master near4 slave.cdm. and lane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:47
L19	1	7 and (light or optical or infrared same beam) and master near4 slave.cdm. and lane.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:47
L20	39	7 and (light or optical or infrared same beam).cdm. and master near4 slave.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:48
L21	291	7 and (light or optical or infrared same beam).cdm. same (direct\$4 or project).cdm. and reflect\$4.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:49
L22	32	7 and (light or optical or infrared same beam).cdm. same (direct\$4 or project).cdm. and reflect\$4.cdm. and lane.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:49
L23	107	7 and (light or optical or infrared same beam).cdm. same (direct\$4 or project).cdm. and reflect\$4.cdm. and line.cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:49
L24	8	7 and (light or optical or infrared same beam).cdm. same (direct\$4 or project).cdm. and reflect\$4.cdm. and cross\$4 same (lane or line).cdm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L25	1	7 and (light or optical or infrared same beam).clm. same (direct\$4 or project).clm. and reflect\$4.clm. and cross\$4 same (lane or line).clm. and master near4 slave.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L26	7	("3739179" "6038496" "6317202").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L27	10	("1695410"   "2074251"   "2331144"   "2896089"   "3179009").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 17:50
L28	7	("3739179").URPN.	USPAT	OR	ON	2006/11/26 17:50
L29	12	("2074251"   "2331144"   "3201750"   "3708668"   "3739179"   "3811046"   "3881568"   "4003445"   "4143264").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 17:50
L30	10	("3201750").URPN.	USPAT	OR	ON	2006/11/26 17:50
L31	6	("5225827").URPN.	USPAT	OR	ON	2006/11/26 17:50
L32	6	("5225827").URPN.	USPAT	OR	ON	2006/11/26 17:50
L33	6	("5225827").URPN.	USPAT	OR	ON	2006/11/26 17:50
L34	10	("3201750"   "3353619"   "3559756"   "4143264"   "4348652"   "4528563"   "4858132"   "4970509").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/26 17:50
L35	9	lane same marking and master same slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L36	103	traFFIC SAME lane and master same slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L37	14	(US-2896089-\$ or US-2331144-\$ or US-5982278-\$ or US-4348652-\$ or US-4143264-\$ or US-3881568-\$ or US-3708668-\$ or US-3201750-\$ or US-5225827-\$ or US-7012509-\$ or US-6741186-\$ or US-5818339-\$ or US-6038496-\$ or US-3846672-\$).did.	USPAT	OR	ON	2006/11/26 17:50
L38	9	vehicle near2 drift and master same slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L39	698	340/901.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L40	428	340/904.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L41	1158	340/435.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

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L42	2023	L39 L40 L41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L43	671	L42 and lane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L44	148	L42 and lane.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L45	3	"3708668".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L46	21	("3708668").URPN.	USPAT	OR	ON	2006/11/26 17:50
L47	8669	250/33\$4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L48	4961	250/34\$4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L49	11923	L47 L48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L50	22	L49 and master same slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L51	205	L49 and cross adj talk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L52	151	L49 and crosstalk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L53	320	L51 L52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L54	4	L53 and master	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L55	698	340/901.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L56	428	340/904.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L57	1158	340/435.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L58	2023	L55 L56 L57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L59	13	L58 and master same slave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L60	12	L58 and cross adj talk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L61	11	L58 and crosstalk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L62	22	L60 L61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L63	12	L62 and modulat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L64	0	L62 and phase adj shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L65	0	L62 and phaseshift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L66	0	L58 and phaseshift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

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L67	30	L58 and phase adj shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L68	0	L58 and phaseshift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L69	38	L58 and phase adj shift\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L70	145	willemin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L71	12	willemin near2 mich\$4.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L72	11	hirt near2 andreas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L73	20	(US-20030128106-\$ or US-20020175813-\$).did. or (US-3846672-\$ or US-5818339-\$ or US-6741186-\$ or US-7012509-\$ or US-5225827-\$ or US-4348652-\$ or US-3201750-\$ or US-3708668-\$ or US-3881568-\$ or US-5982278-\$ or US-4143264-\$ or US-2331144-\$ or US-2896089-\$ or US-6038496-\$ or US-5677532-\$ or US-6680688-\$ or US-5589827-\$ or US-5463384-\$).did.	US-PGPUB; USPAT	OR	ON	2006/11/26 17:50
L74	5	L73 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L75	2023	L58 L61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L76	2023	L58 L62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L77	222	L76 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L78	86	L76 and channel same (time or timing or code\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L79	87	L76 and channel same (time or timing or cod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L80	22	(US-20030128106-\$ or US-20020175813-\$).did. or (US-3846672-\$ or US-5818339-\$ or US-6741186-\$ or US-7012509-\$ or US-5225827-\$ or US-4348652-\$ or US-3201750-\$ or US-3708668-\$ or US-3881568-\$ or US-5982278-\$ or US-4143264-\$ or US-2331144-\$ or US-2896089-\$ or US-6038496-\$ or US-5677532-\$ or US-6680688-\$ or US-5589827-\$ or US-5463384-\$ or US-5726647-\$).did. or (JP-06233350-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/26 17:50
L81	0	"10522317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L82	1	"10/522317"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L83	2	"20020175813"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L84	0	L83 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L85	22	(US-20030128106-\$ or US-20020175813-\$ or US-20050231389-\$).did. or (US-3846672-\$ or US-5818339-\$ or US-6741186-\$ or US-7012509-\$ or US-5225827-\$ or US-4348652-\$ or US-3201750-\$ or US-3708668-\$ or US-3881568-\$ or US-5982278-\$ or US-4143264-\$ or US-2331144-\$ or US-2896089-\$ or US-6038496-\$ or US-5677532-\$ or US-6680688-\$ or US-5589827-\$ or US-5463384-\$ or US-5726647-\$).did. or (JP-06233350-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/26 17:50
L86	1	L85 and beam adj split\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L87	698	340/901.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L88	428	340/904.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L89	1158	340/435.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L90	2023	L87 L88 L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L91	2	L90 and beam adj split\$4 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L92	8669	250/33\$4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L93	4961	250/34\$4.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L94	11923	L92 L93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L95	348	L94 and beam adj split\$4 and channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L96	24	(US-20030128106-\$ or US-20020175813-\$ or US-20050231389-\$).did. or (US-3846672-\$ or US-5818339-\$ or US-6741186-\$ or US-7012509-\$ or US-5225827-\$ or US-4348652-\$ or US-3201750-\$ or US-3708668-\$ or US-3881568-\$ or US-5982278-\$ or US-4143264-\$ or US-2331144-\$ or US-2896089-\$ or US-6038496-\$ or US-5677532-\$ or US-6680688-\$ or US-5589827-\$ or US-5463384-\$ or US-5726647-\$ or US-6317202-\$ or US-3739179-\$).did. or (JP-06233350-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/11/26 17:50
L97	8	L96 and master	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L98	3	L96 and split\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L99	0	L96 and revolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L100	193	revolution adj lens	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50



## EAST Search History

L101	193	"revolution lens"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L102	86	lens near3 axial adj symmetr\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L103	114	lens near2 mineral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L104	0	L94 and lens near2 mineral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L105	1	L94 and lens near2 organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L106	1	L94 and lens near3 organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L107	1405	lens near3 organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L108	881	lens near2 organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L109	325	lens near organic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L110	36	lens near mineral	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L111	2	L96 and integral\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L112	4	L96 and (infrared and led)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L113	14	L96 and (infrared)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L114	14	L96 and (infrared or ir)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L115	174	smd same flip adj chip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L116	5	L96 and circuit adj board	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L117	0	L96 and (hole or pinhole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L118	0	L96 and screen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L119	0	L96 and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L120	0	L96 and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L121	317038	diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L122	6075	diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L123	0	diap44 45hram	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L124	318724	L121 L122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50

## EAST Search History

L125	3	diaphram near2 pinhole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L126	0	diaphramg near2 pinhole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L127	437	diaphragm near2 pinhole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50
L128	11	diaphragm near2 pinhole same oblique\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/26 17:50